' FORM 98-3

FORM PTO-1449
(Rev. 2-32)

BY ATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

TTY. DOCKET NO.	SERIAL NO.
PHLY-25,355	09/659,520
PPLICANT effry Jovan Philyaw	

FILING DATE GROUP
September 12, 2000 Unknown

			U.S. PATE	NT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
62	1	3,668,312	06/06/72	Yamamoto et al.	348	17	
	2	4,002,886	01/11/77	Sundelin	235	61.7R	
	3	4,042,792	08/16/77	Pakenham et al.	179	90	
	4	4,365,148	12/21/82	Whitney	235	383	
	_ 5	4,621,259	11/04/86	Schepers et al.	345	180	
	6	4,654,482	03/31/87	DeAngelis	379	95	
	7	4,780,599	10/25/88	Baus	235	383	
	8	4,785,296	11/15/88	Tabata et al.	340	731	
	9	4,816,904	03/28/89	McKenna et al.	348	13	
	10	4,817,136	03/28/89	Rhoads	379	375	
	11	4,833,308	05/23/89	Humble	235	383	
	12	4,841,132	06/20/89	Kajitani et al.	235	472	
	_13	4,845,634	07/04/89	Vitek et al.	364	468	
	14	4,894,789	01/16/90	Yee	348	552	
	15	4,899,370	02/06/90	Kameo et al.	379	104	
	16	4,901,073	02/13/90	Kibrick	341	13	
	17	4,905,094	02/27/90	Pocock et al.	386	106	
	18	4,907,264	03/06/90	Seiler et al.	379	216	
	19	4,916,293	04/10/90	Cartlidge et al.	235	375	
647	20	4,937,853	06/26/90	Brule et al.	379	91	

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PD	21	4,947,02	AF68/07/90	Gorog	235	380
1	22	4,959,530	09/25/90	O'Connor	235	383
	23	4,975,948	12/04/90	Andresen et al.	379	355
	24	4,984,155	01/08/91	Geier et al.	364	401
	25	5,038,023	08/06/91	Saliga	235	385
	26	5,054,096	10/01/91	Beizer	382	41
	27	5,088,045	02/11/92	Shimanaka et al.	364	468
	28	5,111,391	05/05/92	Fields et al.	364	401
	29	5,115,326	05/19/92	Burgess et al.	358	440
	30	5,128,752	07/07/92	Von Kohorn	358	84
	31	5,144,654	09/01/92	Kelley et al.	379	356
	32	5,161,037	11/03/92	Saito	358	468
	33	5,161,214	11/03/92	Addink et al.	395	145
	34	5,182,705	01/26/93	Barr et al.	364	401
	35	5,189,630	02/23/93	Barstow et al.	364	514
	36	5,191,525	03/02/93	LeBrun et al.	364	419
	37	5,198,644	03/30/93	Pfeiffer et al.	235	383
	38	5,235,654	08/10/93	Anderson et al.	382	61
	39	5,241,402	08/31/93	Aboujaoude et al.	358	406
	40	5,243,531	09/07/93	DiPippo et al.	364	468
	41	5,247,347	09/21/93	Litteral et al.	348	7
	42	5,262,860	11/16/93	Fitzpatrick et al.	348	461
	43	5,285,278	02/08/94	Holman	348	10
	44	5,287,181	02/15/94	Holman	348	473
	45	5,288,976	02/22/94	Citron et al.	235	375
V	46	5,296,688	03/22/94	Hamilton et al.	235	375
ppd	47	5,304,786	04/19/94	Pavlidis et al.	235	462

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•		lija i	0 2000 00 ;				
PD	48	5,305,195	MARKS 9/94	Murphy	705	1	
(<u>p</u> `	49	5,319,454	06/07/94	Schutte	348	5.5	
	50	5,324,922	06/28/94	Roberts	235	375	
	51	5,331,547	07/19/94	Laszlo	364	413.01	
	52	5,340,966	08/23/94	Morimoto	235	376	
	53	5,357,276	10/18/94	Banker et al.	348	7	
	54	5,362,948	11/08/94	Morimoto	235	376	
	55	5,382,779	01/17/95	Gupta	235	383	
	56	5,386,298	01/31/95	Bronnenberg et al.	358	403	
	57	5,398,336	03/14/95	Tantry et al.	395	600	
	58	5,405,232	04/11/95	Lloyd et al.	414	280	
	59	5,418,713	05/23/95	Allen	364	403	
	60	5,420,403	05/30/95	Allum et al.	235	375	
	61	5,420,943	05/30/95	Mak	382	313	
	62	5,424,524	06/13/95	Ruppert et al.	235	462	
	63	5,438,355	08/01/95	Palmer	348	1	
	64	5,446,490	08/29/95	Blahut et al.	348	7	
	65	5,446,919	08/29/95	Wilkins	455	6.2	
	66	5,491,508	02/13/96	Friedell et al.	348	16	
	67	5,493,107	02/20/96	Gupta et al.	235	383	
	68	5,519,878	05/21/96	Dolin, Jr.	395	800	
	69	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
	70	5,570,295	10/29/96	Isenberg et al.	379	90.01	
	71	5,572,643	11/05/96	Judson	395	793	
	72	5,592,551	01/07/97	Lett et al.	380	20	
V	73	5,594,226	01/14/97	Steger	235	379	
pr	74	5,602,377	02/11/97	Beller et al.	235	462	

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(cg	75	5,604,542 MAD	0.89 8/97	Dedrick	348	552
	76	5,640,193	06/17/97	Wellner	348	7
	77	5,649,186	07/15/97	Ferguson	395	610
	78	5,664,110	09/02/97	Green et al.	705	26
	79	5,671,282	09/23/97	Wolff et al.	380	25
	80	5,675,721	10/07/97	Freedman et al.	395	129
	81	5,682,540	10/28/97	Klotz, Jr. et al.	395	766
	82	5,694,163	12/02/97	Harrison	348	13
	83	5,708,780	01/13/98	Levergood et al.	709	229
	84	5,710,887	01/20/98	Chelliah et al.	395	226
	85	5,715,314	02/03/98	Payne et al.	705	78
	86	5,724,424	03/03/98	Gifford	705	79
	87	5,745,681	04/28/98	Levine et al.	395	200.3
	88	5,754,906	05/19/98	Yoshida	396	448
	89	5,757,917	05/26/98	Rose et al.	380	25
	90	5,761,606	06/02/98	Wolzien	455	6.20
	91	5,764,906	06/09/98	Edelstein et al.	395	200.49
	92	5,765,176	06/09/98	Bloomberg	707	514
	93	5,768,528	06/16/98	Stumm	709	231
	94	5,774,664	06/30/98	Hidary et al.	395	200
	95	5,774,870	06/30/98	Storey	705	14
	96	5,778,367	07/07/98	Wesinger, Jr. et al.	707	10
	97	5,790,793	08/04/98	Higley	709	218
,	98	5,791,991	08/11/98	Small	463	41
 -√-	99	5,794,210	08/11/98	Goldhaber et al.	705	14
	100	5,796,952	08/18/98	Davis et al.	305	200.54
[On	101	5,804,803	09/08/98	Cragun et al.	235	375

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		E	_ ~ ~			
PN	102	5,815,776	MANUS 29/98	Nukada	399	174
-	103	5,832,223	11/03/98	Hara et al.	395	200.47
	104	5,833,468	11/10/98	Guy et al.	434	350
	105	5,848,202	12/08/98	D'Eri et al.	382	306
	106	5,848,413	12/08/98	Wolff	707	10
	107	5,854,897	12/29/98	Radziewicz et al.	709	224
	108	5,864,823	01/26/99	Levitan	105	14
	109	5,869,819	02/09/99	Knowles et al.	235	375
	110	5,905,248	05/18/99	Russell et al.	235	462
	111	5,905,251	05/18/99	Knowles	235	472.01
	112	5,905,665	05/18/99	Rim	364	746
	113	5,905,865	05/18/99	Palmer et al.	395	200.47
	114	5,907,793	05/25/99	Reams	455	3.1
	115	5,913,210	06/15/99	Call	707	4
	116	5,915,090	06/22/99	Joseph et al.	709	202
	117	5,918,214	06/29/00	Perkowski	705	27
	118	5,925,865	07/20/99	Steger	235	379
	119	5,929,850	07/27/99	Broadwin et al.	345	327
	120	5,932,863	08/03/99	Rathus et al.	235	462.15
	121	5,933,829	08/03/99	Durst et al.	707	10
	122	5,948,061	09/07/99	Merriman et al.	709	219
	123	5,957,695	09/28/99	Redford et al.	434	307R
	124	5,960,411	09/28/99	Hartman et al.	705	26
	125	5,961,603	10/05/99	Kunkel et al.	709	229
	126	5,970,471	10/19/99	Hill	705	26
ď	127	5,970,472	10/19/99	Allsop et al.	705	26
pn	128	5,971,277	10/26/99	Cragun et al.	235	462.01

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6)	129	5,974,443	FMAR 256/99	Jeske	709	202	
~	130	5,974,451	10/26/99	Simmons	709	218	
	131	5,976,833	11/02/99	Furukawa et al.	435	69.1	
	132	5,978,773	11/02/99	Hudetz et al.	709	219	
	133	5,991,739	11/23/99	Cupps et al.	705	26	
	134	5,992,752	11/30/99	Wilz, Sr. et al.	235	472.01	
	135	5,995,105	11/30/99	Reber et al.	345	356	
	136	6,002,394	12/14/99	Schein et al.	345	327	
	137	6,003,073	12/14/99	Solvason	709	219	
	138	6,006,257	12/21/99	Slezak	709	219	
	139	6,009,410	12/28/99	LeMole et al.	709	219	
	140	6,009,465	12/28/99	Decker et al.	709	219	
	141	6,012,102	01/04/00	Shachar	710	5	
	142	6,018,764	01/25/00	Field et al.	709	217	
	143	6,049,539	04/11/00	Lee et al.	370	355	
J	144	6,064,979	05/16/00	Perkowski	705	26	
لهم	145	6,108,656	08/22/00	Durst et al.	707	10	
			FOREIGN PA	TENT DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
ρĺ	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
807	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO

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₽r3	F9	WO 99/6345	66695	PCT	G06F	17/30	NO			
¥	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO			
by.	F11	JP 10188140A	12/24/96	JР	G07G	1/12	NO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)										
۳	Dl	"Group Decision Support System: Development and Application". Energy Systems, Westinghouse, Pittsburgh, PA								
	D2	"New Technologi	es in Credit Car	d Authentication", Pieter Fechnology, Zurich, Switz	de Bryne, I	nstitute for C	ommunications			
	D3	"AVITAL, a Privat	"AVITAL, a Private Teaching System by Fax Communication", Atusiji Izawa, Noriro <u>Sueiki, Yukari</u> Shitora and Hideko Kunii, Software Research Center, Tokyo, Japan [IEEE, 1992]							
	D4	"Doc	"Document on Computer" USPS Technical Support Center, Norman, OK IEEE, 1996							
	D5	"Development of a ("Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc. IEEE, 1995							
	D6	"What do forward lo	"What do forward looking companies consider in their plans and developments?, A.U. Johnston, Nestle							
	D7		"The Automation Synergy", Neves and Noivo, Portugal ISIE 1997							
	D8	"Integration of Han Remote Computer	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Ruffala) and Kueberg (U.S. Postal Service, VA)							
	D9	"Paper Based Doc	ument Security -	A Review", van Renesse Netherlands	TNO Inst EE, 1997	itute of Appli	ed Physics, The			
	D10	"IEEE Standard for Power Engine	Bar Coding for ering Society, T	Distribution Transformer he Institute of Electrical a	s" Transfo	rmers Commi nics Engineer	ttee of the IEEE s, Inc. NY 6/20/1996			
	DH		Γhe Stylus™-Sh	opping from Home", STY	LUS Inno	vation, MA	IEEE, 1992			
	D12	"Distributing Uniform	Resource Loca	ators as Bar Code Images"	, IBM Tecl	hnical Disclos	sure Bulleting, Jan			
V	D13	"Bar Code Method fo	r Automating C	atalog Orders", IBM Tech	nical Discl	osure Bulletir	n, September 1998			
P	D14	"Bar-Code Recogn	ition System Us	ing Image Processing", K Laborator	uroki. Yon IEEE, 1997	eoka et al., Hi	itachi Research			
EXAMINER ($\overline{\geq}$	Just	11/8/63	DATE CO	NSIDERED					
EXAMINER: Draw line next commu	11/105									

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